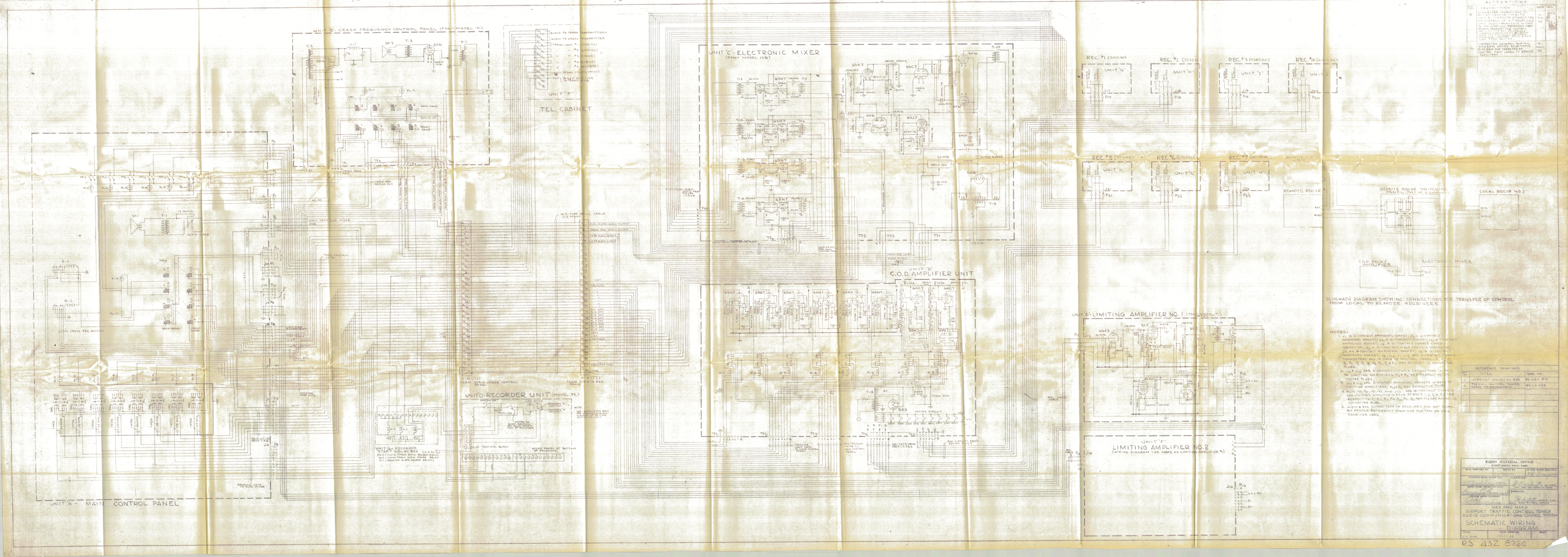
UNIT "B" - CRASH FREQUENCY CONTROL PANEL (PSNY MODEL 131)
UNIT "P"
TEL. CABINET
UNIT "C" - ELECTRONIC MIXER
(PSNY MODEL 128)
UNIT "D"
C.O.D. AMPLIFIER UNIT
UNIT "E" - LIMITING AMPLIFIER NO. 1
UNIT "F"
LIMITING AMPLIFIER NO. 2
(WIRING DIAGRAM THE SAME AS LIMITING AMPLIFIER #1)
UNIT "G" - RECORDER
UNIT "A" - MAIN CONTROL PANEL
UNIT "O" - RECORDER UNIT (MODEL PE)
REC. #1 (5105 KC)
REC. #2 (3235 KC)
REC. #3 (3385 KC)
REC. #4 (4495 KC)
REC. #5 (SPARE)
REC. #6 (6750 KC)
REC. #7 (6050 KC)
REMOTE RECVR. #1
REMOTE RECVR. SWITCHING PANEL (PART OF 8 CHANNELS)
LOCAL RECVR. NO. 1
C.O.D. RELAY AMPLIFIER
ELECTRONIC MIXER
SCHEMATIC DIAGRAM SHOWING CONNECTIONS FOR TRANSFER OF CONTROL FROM LOCAL TO REMOTE RECEIVERS.
NOTES:
1. J1 IS A 4-CONTACT AMPHENOL SOCKET; J2 IS 6-CONTACT AMPHENOL SOCKET; J3 IS 6-CONTACT SOCKET; J4 IS 4-CONTACT AMPHENOL SOCKET; J5 IS 12-CONTACT FEMALE CHASSIS CONNECTOR; J6 IS 12-CONTACT MALE CHASSIS CONNECTOR; J7 IS 8-CONTACT AMPHENOL SOCKET; J8 IS 12-CONTACT AMPHENOL SOCKET; J9 IS 12-CONTACT CHASSIS CONNECTORS. ALL IN BACK OF CONTROL PANEL. P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12 ARE 4-CONTACT CHASSIS CONNECTORS. ALL IN BACK OF CONTROL PANEL. P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12 ARE RESPECTIVE CONNECTOR PLUGS.
2. J13 & J14 ARE 4-CONTACT CHASSIS CONNECTORS IN BACK OF LIMITING AMPLIFIERS. P13 & P14 ARE RESPECTIVE CONNECTOR PLUGS.
3. J15 & J16 ARE 8-CONTACT AMPHENOL SOCKETS IN BACK OF LIMITING AMPLIFIERS. P15 & P16 ARE RESPECTIVE PLUGS.
4. J17, J18, J19, J20, J21, J22 AND J23 ARE 4-CONTACT CHASSIS CONNECTORS MOUNTED IN REAR OF RECS. 1, 2, 3, 4, 5, 6, 7 & 8 RESPECTIVELY. P17, P18, P19, P20, P21, P22 AND P23 ARE RESPECTIVE CONNECTOR PLUGS.
5. J1, J2, J3 & J4 OUTPUT TAPS ON RECEIVERS ARE NOT SHOWN. SEE PROPER REFERENCE DRAWINGS FOR TAPS ON EACH RECEIVER USED.
REFERENCE DRAWINGS
REF. NO. | TITLE | DWG. NO.
1 | INTERLINK CONNECTION DWG. | RS 43Z 8-17
2 | TYPICAL INTERL. TOWER ROOM ARRANGEMENT | RS 43Z 8-19
RADIO MATERIAL OFFICE
PLOT DESIGN DATE 1-8-46
DATE PREPARED BY
DRAWN BY
CHECKED BY
APPROVED
NAS AND NAAS
AIRPORT TRAFFIC CONTROL TOWER
RADIO COMMUNICATIONS CONTROL SYSTEM
SCHEMATIC WIRING DIAGRAM
SCALE 1/2" = 1'-0"
DATE APPROVED 12-11-44
SHEET
RS 43Z 8220